



CHEMICAL MANUFACTURERS ASSOCIATION

A

8EHG-0993-12425

015 1000 1000 1000

93 SEP 16 AM 11:40

COMPANY SANITIZED

September 15, 1993

VIA CERTIFIED MAIL

8EHQ-93-12425

SP001

89930000166

Document Processing Center (TS-790)
Office of Pollution Prevention and Toxics
Attention: Section 8(e) Coordinator
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Re: TSCA Section 8(e) Reporting/Notification for Methyl Bromide

Dear Sir or Madam:

The Chemical Manufacturers Association (CMA) hereby submits for your office's information, notice of two reports regarding methyl bromide (CAS No. 74-83-9) that have been submitted to EPA pursuant to Section 6(a)(2) of the Federal, Insecticide, Fungicide and Rodenticide Act (FIFRA). This notification is made on behalf of the members the Methyl Bromide Industry Panel. The Panel consists of TriCal, Inc., Ameribrom, Inc., Ethyl Corp., and Great Lakes Chemical Corp.

The reported information stems from two aquatic toxicity studies being conducted pursuant to EPA's Methyl Bromide Data Call-In issued under Section 3 of the Federal, Insecticide, Fungicide and Rodenticide Act (FIFRA). Specifically, these studies are identified as: 1) Fish Toxicity Study with Rainbow Trout; and 2) Invertebrate Toxicity Study with Daphnia magna. Both studies are required for the continued registration of methyl bromide as a pesticide.

Based upon the explicit exemption for pesticides contained in Section 3 of the Toxic Substances Control Act (TSCA), and EPA's TSCA 8(e) Statement of Interpretation and Enforcement Policy, the Panel believes that both studies are not subject to TSCA Section 8(e) reporting requirements.

The Panel sought confirmation of this understanding from EPA officials in both the Office of Pesticide Programs and the Office of Pollution Prevention and Toxics, but received conflicting opinions regarding the application of TSCA to chemicals also regulated under FIFRA. In light of the lack of a consistent policy on the applicability of TSCA to chemicals regulated under FIFRA,

Document Processing Center
September 15, 1993
Page 2

the Panel is notifying the TSCA 8(e) Coordinator of the attached submission to the Office of Pesticide Programs as a precaution.

The filing of this notice does not authorize any use of the information by any person outside the EPA Office of Pesticide Programs or any other release of the reported information to the public. The studies are the property of the Methyl Bromide Industry Panel and its members and, as such, must be protected by the Agency from public disclosure.

If you have any questions regarding this notice, please call me at 202/887-1293.

Sincerely,



Kathryn A. Rosica
Manager
Methyl Bromide Industry Panel

Attachments

cc: Methyl Bromide Industry Panel



CHEMICAL MANUFACTURERS ASSOCIATION

September 15, 1993

VIA CERTIFIED MAIL

FIFRA Section 6(a)(2)

Document Processing Desk
Office of Pesticide Programs - H7504c
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460-0001
Attention: Ruth R. Douglas, Product Manager, PM-32

Re: FIFRA Section 6(a)(2) Report

Dear Ms. Douglas:

On behalf of the Methyl Bromide Industry Panel (MBIP), the Chemical Manufacturers Association submits the attached information pursuant to Section 6(a)(2) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the EPA guidance on Section 6(a)(2) reporting requirements published in the Federal Register on July 12, 1979 (1979 Guidance).^{1/} The MBIP consists of three manufacturers of technical product -- Ameribrom, Inc., Ethyl Corporation, and Great Lakes Chemical Corporation -- and one major formulator, TriCal, Inc.

Pursuant to the 1991 Methyl Bromide Data Call-In, the MBIP is jointly sponsoring an Invertebrate Toxicity Study (Guideline No. 72-2(a) with *Daphnia Magna*. The attached, preliminary data has been received from the conducting laboratory, and constitutes information not previously reported to the Agency regarding the toxicity of methyl bromide to aquatic organisms. Thus, in accordance with EPA guidance regarding the submission of preliminary or incomplete study results, this information is hereby reported.^{2/} The final study report will be submitted to the Agency on October 1, 1993.

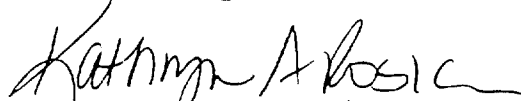
1/ 44 Fed. Reg. 40716 (July 12, 1979).

2/ See 40 Fed. Reg. 40716, 40718.

FIFRA Section Document
Processing Desk
September 15, 1993
Page 2

If you have any questions concerning these reports,
please call me at (202) 887-1293.

Sincerely,



Kathryn A. Rosica
Manager
Methyl Bromide Industry Panel

Attachments

cc: Methyl Bromide Industry Panel

BEST COPY AVAILABLE

Table 3
Cumulative Percent Mortality and Treatment-Related Effects¹

Sponsor: Methyl Bromide Industry Panel
Chemical Manufacturers Association
Test Substance: Methyl Bromide
Test Organism: Cladoceran, Daphnia magna
Dilution Water: Well Water

Mean Measured Concentration (mg a.i./L)	Replicate	Daphnia/ Replicate	2 Hours			24 Hours			48 Hours			Percent Immobile and Dead
			Effects	Number Immobile	Number Dead	Effects	Number Immobile	Number Dead	Effects	Number Immobile	Number Dead	
Negative Control	A	5										
	B	5										
	C	5										
	D	5										
1.2	A	5										
	B	5										
	C	5										
	D	5										
2.2	A	5										
	B	5										
	C	5										
	D	5										
3.5	A	5										
	B	5										
	C	5										
	D	5										
5.8	A	5										
	B	5										
	C	5										
	D	5										
9.8	A	5										
	B	5										
	C	5										
	D	5										

¹ Observed Effects: AN = Appears Normal; C = Lethargy.



CHEMICAL MANUFACTURERS ASSOCIATION

September 15, 1993

VIA CERTIFIED MAIL

FIFRA Section 6(a)(2)

Document Processing Desk
Office of Pesticide Programs - H7504c
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460-0001
Attention: Ruth R. Douglas, Product Manager, PM-32

Re: FIFRA Section 6(a)(2) Report

Dear Ms. Douglas

On behalf of the Methyl Bromide Industry Panel (MBIP), the Chemical Manufacturers Association submits the attached information pursuant to Section 6(a)(2) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the EPA guidance on Section 6(a)(2) reporting requirements published in the Federal Register on July 12, 1979 (1979 Guidance).^{1/} The MBIP consists of three manufacturers of technical product -- Ameribrom, Inc., Ethyl Corporation, and Great Lakes Chemical Corporation -- and one major formulator, TriCal, Inc.

Pursuant to the 1991 Methyl Bromide Data Call-In, the MBIP is jointly sponsoring a Fish Toxicity Study (Guideline No. 72-1(c) with Rainbow Trout. The attached data was generated during a preliminary phase of the Study to determine dose ranges, and constitutes information not previously reported to the Agency regarding the toxicity of methyl bromide to aquatic organisms. Thus, in accordance with EPA guidance regarding the submission of preliminary or incomplete study results, this information is hereby reported.^{2/} A final study report will be submitted to the Agency on January 15, 1994.

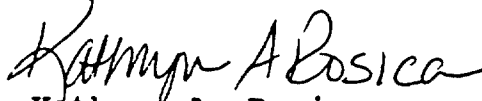
^{1/} 44 Fed. Reg. 40716 (July 12, 1979).

^{2/} See 44 Fed. Reg. 40716, 40718.

FIFRA Section Document
Processing Desk
September 15, 1993
Page 2

If you have any questions concerning these reports,
please call me at (202) 887-1293.

Sincerely,



Kathryn A. Rosica
Manager

Methyl Bromide Industry Panel

Attachments

cc: Methyl Bromide Industry Panel

DRAFT

HAS NOT RECEIVED
ON ALBU

WILDLIFE INTERNATIONAL LTD.
RESULTS OF RANGE-FINDING TEST WITH THE RAINBOW TROUT
Preliminary results not audited by Quality Assurance

SPONSOR: CWA
TEST SUBSTANCE: Methyl Bromide
WIL PROJECT NO.: 264A-104
START DATE: 08/30/93

Nominal Concentration (mg/L)	Rep.	Number Alive/Number Exposed (Observations)			
		24 Hours	48 Hours	72 Hours	96 Hours
Control	A				
	B				
	C				
0.60	A				
	B				
	C				
4.0	A ²				
	B				
	C				
20	A				
	B				
	C				
50	A				
	B				
	C				

sanitized

Observations: AN - Appears Normal, C - Lethargy, D - Discoloration, N - Loss of Equilibrium
This replicate was measured to be low at test initiation compared to the other replicates in the treatment group (~2 mg/L)

Proposed Concentrations for Definitive Test:

Control, 1.0, 1.7, 2.9, 4.8, and 8.0 mg/L

BEST COPY AVAILABLE**FRESH WATER CHEMISTRY**
(Test Termination)**DRAFT****HAS NOT RECEIVED
QA AUDIT**

TEST: Rainbow Trout 96-Hour Static Range-Finding
SPONSOR: CMA
PROJECT NUMBER: - 264A-104
TEST SUBSTANCE: Methyl Bromide

Nominal Test Concentration (mg/L)	Replicate	Dissolved Oxygen (mg/L)	pH	Temp. (°C)
0 (Control)	A	6.3	8.2	12.2
	B	6.4	8.2	12.1
	C	6.4	8.2	12.2
0.8	A	6.5	8.2	12.2
	B	6.5	8.2	12.2
	C	6.5	8.2	12.2
4.0	A	6.7	8.3	12.1
	B	7.9	8.4	12.2
	C	7.8	8.3	12.1
20	A	7.9	8.4	12.1
	B	7.9	8.4	12.2
	C	8.0	8.4	12.2
50	A	8.1	8.4	12.2
	B	8.0	8.4	12.2
	C	8.0	8.4	12.2

¹6.5 mg/L and 4.3 mg/L represent 60% and 40% saturation at 12°C, respectively.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Kathryn A. Rosica
Manager, Methyl Bromide Panel
Chemical Manufacturers Association
2501 M Street, N.W.
Washington, D.C. 20037

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

JAN 18 1994
1994

This letter formally acknowledges EPA's receipt of information submitted by your organization under Section 8(e), the "substantial risk" information reporting provision of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA Section 8(e) Document Control Number (i.e., 8EHQ-0000-0000 Init.) assigned by EPA to your submission(s). Please refer to this cited number when submitting follow-up or supplemental information.

Please note that all submitted correspondence will be placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA Section 8(e) policy statement (43 FR 11110, March 16, 1978).

Confidential submissions submitted pursuant to the TSCA Section 8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims, because substantiation of CBI claims is required at the same time the 8(e) CAP is submitted to EPA. (If not done so already, please ensure that this information is provided to the Agency). When substantiating any/all claims, answer the questions detailed in the following attachment.

For NON-CAP submissions, any confidentiality claims should be supported by submission of information as described in the attachment(s).

12425 A

CECA TRIAGE TRACKING DBASE ENTRY FORM

CBCATS DATA: 0993-124255 SEQ A

Submission # 0993-124255

TYPE: INT SUPP FLWP

SUBMITTER NAME: Chemical Manufacturers Association

INFORMATION REQUESTED: FLWP DATE:

- 0501 NO INFO REQUESTED
- 0502 INFO REQUESTED (TECH)
- 0503 INFO REQUESTED (VOL ACTIONS)
- 0504 INFO REQUESTED (REPORTING RATIONALE)

DISPOSITION:

- 0639 REFER TO CHEMICAL SCREENING
- 0678 CAP NOTICE

VOLUNTARY ACTIONS:

- 0401 NO ACTION REPORTED
- 0402 STUDIES PLANNED/UNDERWAY
- 0403 NOTIFICATION OF WORKER/OTHERS
- 0404 LABEL/MSDS CHANGES
- 0405 PROCESS/HANDLING CHANGES
- 0406 APP/USE DISCONTINUED
- 0407 PRODUCTION DISCONTINUED
- 0408 CONFIDENTIAL

SUB. DATE: 09/15/93

OTS DATE: 09/16/93

CSRAD DATE: 10/07/93

CHEMICAL NAME:

CAS#

7483-9

INFORMATION TYPE:

P F C

INFORMATION TYPE:

P F C

INFORMATION TYPE:

P F C

0201	ONCO (HUMAN)	01 02 04	0216	EPICLIN	01 02 04	0241	IMMUNO (ANIMAL)	01 02 04
0202	ONCO (ANIMAL)	01 02 04	0217	HUMAN EXPOS (PROD CONTAM)	01 02 04	0242	IMMUNO (HUMAN)	01 02 04
0203	CELL. TRANS (IN VITRO)	01 02 04	0218	HUMAN EXPOS (ACCIDENTAL)	01 02 04	0243	CHEM/PHYS PROP	01 02 04
0204	MUTA (IN VITRO)	01 02 04	0219	HUMAN EXPOS (MONITORING)	01 02 04	0244	CLASTO (IN VITRO)	01 02 04
0205	MUTA (IN VIVO)	01 02 04	0220	ECOAQUA TOX	01 02 04	0245	CLASTO (ANIMAL)	01 02 04
0206	REPRO/TERATO (HUMAN)	01 02 04	0221	ENV. OCCO/RELFATE	01 02 04	0246	CLASTO (HUMAN)	01 02 04
0207	REPRO/TERATO (ANIMAL)	01 02 04	0222	EMER INCI OF ENV CONTAM	01 02 04	0247	DNA DAM/REPAIR	01 02 04
0208	NEURO (HUMAN)	01 02 04	0223	RESPONSE REQUEST DELAY	01 02 04	0248	PRODA/USE/PROC	01 02 04
0209	NEURO (ANIMAL)	01 02 04	0224	PROD/COMP/CHEM ID	01 02 04	0251	MSDS	01 02 04
0210	ACUTE TOX (HUMAN)	01 02 04	0225	REPORTING RATIONALE	01 02 04	0299	OTHER	01 02 04
0211	CHR. TOX (HUMAN)	01 02 04	0226	CONFIDENTIAL	01 02 04			
0212	ACUTE TOX (ANIMAL)	01 02 04	0227	ALLERG (HUMAN)	01 02 04			
0213	SUB ACUTE TOX (ANIMAL)	01 02 04	0228	ALLERG (ANIMAL)	01 02 04			
0214	SUB CHRONIC TOX (ANIMAL)	01 02 04	0229	METAB/PHARMACO (ANIMAL)	01 02 04			
0215	CHRONIC TOX (ANIMAL)	01 02 04	0240	METAB/PHARMACO (HUMAN)	01 02 04			

TRIAGE DATA: NON-CBI INVENTORY

YES (CONTINUE)

NO (DROP)

DETERMINE

COMMENTS: Non-CAP

ONGOING REVIEW

YES (DROP/REFER)

NO (CONTINUE)

REFER:

SPECIES

Rainbow Trout

Daphnia magna

HIGH

TOXICOLOGICAL CONCERN:

Pesticide

USE:

PRODUCTION:

COMPANY SANITIZED

CM^A

COPY

93 SEP 20

CHEMICAL MANUFACTURERS ASSOCIATION

chemical not cas

8EHQ-0993-12425

B

September 17, 1993

VIA CERTIFIED MAIL

8EHQ-73-12425

INIT

88930000442

Document Processing Center (TS-790)
Office of Pollution Prevention and Toxics
Attention: Section 8(e) Coordinator
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Re: TSCA Section 8(e) Reporting/Notification for Methyl Bromide

Dear Sir or Madam:

The Chemical Manufacturers Association (CMA) hereby submits for your office's information notice of information regarding methyl bromide (CAS No. 74-83-9) that has been submitted to EPA pursuant to Section 6(a)(2) of the Federal, Insecticide, Fungicide and Rodenticide Act (FIFRA). This notification is made on behalf of the members the Methyl Bromide Industry Panel. The Panel consists of TriCal, Inc., Ameribrom, Inc., Ethyl Corp., and Great Lakes Chemical Corp.

The reported information stems from a 90-Day Inhalation Neurotoxicity study being conducted pursuant to EPA's Methyl Bromide Data Call-In issued under Section 3 of the Federal, Insecticide, Fungicide and Rodenticide Act (FIFRA). The study is required for the continued registration of methyl bromide as a pesticide.

Based upon the explicit exemption for pesticides contained in Section 3 of the Toxic Substances Control Act (TSCA), and EPA's TSCA 8(e) Statement of Interpretation and Enforcement Policy, the Panel believes that the study is not subject to TSCA Section 8(e) reporting requirements.

The Panel has sought confirmation of this understanding from EPA officials in both the Office of Pesticide Programs and the Office of Pollution Prevention and Toxics, but received conflicting opinions regarding the application of TSCA to chemicals also regulated under FIFRA. In light of the lack of a consistent policy on the applicability of TSCA to chemicals regulated under FIFRA, the Panel is notifying the TSCA 8(e) Coordinator of the attached submission to the Office of Pesticide Programs as a precaution.

RECEIVED
9-30-93

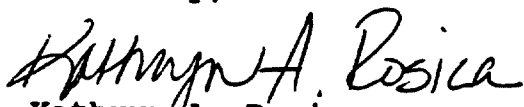
Document Processing Center
September 17, 1993
Page 2

(2)

The filing of this notice does not authorize any use of the information by any person outside the EPA Office of Pesticide Programs or any other release of the reported information to the public. The information is the property of the Methyl Bromide Industry Panel and its members and, as such, must be protected by the Agency from public disclosure.

If you have any questions regarding this notice, please call me at 202/887-1293.

Sincerely,



Kathryn A. Rosica
Manager
Methyl Bromide Industry Panel

Attachment

cc: Methyl Bromide Industry Panel

2



CHEMICAL MANUFACTURERS ASSOCIATION

015 1000000000 1000
93 SEP 20 AM 8:25

September 17, 1993

VIA CERTIFIED MAIL

FIFRA Section 6(a)(2)

Document Processing Desk

Office of Pesticide Programs - H7504c

U.S. Environmental Protection Agency

401 M Street, S.W.

Washington, D.C. 20460-0001

Attention: Ruth R. Douglas, Product Manager, PM-32

Re: FIFRA Section 6(a)(2) Report

Dear Ms. Douglas:

On behalf of the Methyl Bromide Industry Panel (MBIP), the Chemical Manufacturers Association submits the attached information pursuant to Section 6(a)(2) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the EPA guidance on Section 6(a)(2) reporting requirements published in the Federal Register on July 12, 1979 (1979 Guidance).^{1/} The MBIP consists of three manufacturers of technical product -- Ameribrom, Inc., Ethyl Corporation, and Great Lakes Chemical Corporation -- and one major formulator, TriCal, Inc.

Pursuant to the 1991 Methyl Bromide Data Call-In (DCI), the MBIP is jointly conducting a 90-day Vapor Inhalation Neurotoxicity Study (Guideline No. 82-5(b)). According to the 1979 Guidance, the Agency does not require the routine submission of information regarding preliminary or inconclusive testing results. Rather, registrants have 90 days or more after testing has been done to complete the final analysis of study results.^{2/} Nonetheless, some of the specific, preliminary results of the above-referenced Study may not be known by the Agency. Thus, as a precaution, the MBIP is advising EPA of the following information regarding the preliminary results of the Study:

Fifteen CD® rats/sex/group were exposed to methyl bromide vapor, CAS No. 74-83-9, by inhalation six hours/day, five days/week, for at least 13 weeks at target concentration of . Clinical signs of toxicity, body weight, food

1/ 44 Fed. Reg. 40716 (July 12, 1979).

2/ See 44 Fed. Reg. 40716, 40718.

4

FIFRA Section Document
Processing Desk
September 17, 1993
Page 2

consumption, functional observations, motor activity, perfused brain weights, gross pathology, and histologic neuropathology were assessed. Rats scheduled for pathologic examination (10/sex/group) were sacrificed during the 14th week of exposure.

_____ was statistically significant in the ppm exposure group during Weeks 4-13 for the females and during Weeks 5-13 for the males. _____ decrease was statistically significant in the _____ ppm group during Weeks 9 and 11-13. _____ was statistically significant during weeks 1-13 in the _____ ppm group and only during Week 1 in the _____ group, whereas the decrease in _____ was statistically significant during Weeks 1-13 in the _____ ppm group and during Weeks 5-13 in the _____ ppm group.


During Weeks 4, 8, and 13, males in the _____ ppm group had a _____ There was a statistically significant correlation between concentration and level of arousal for Weeks 8 and 13.

The _____ analysis of the female data revealed statistically significant decreases in the _____ and _____ ppm groups at Week 13. Although not statistically significant, the results of Week 8 revealed a similar pattern. The _____ in the number of _____ for the females at _____ ppm was statistically significant at Weeks 4, 8, and 13. There was not significant effects on _____ for males throughout the study. Histopathological observations included _____ and _____.

A detailed assessment and final analysis of these, and other results of the Study is in progress. In accordance with the DCI, the audited final study report will be submitted to EPA on October 1, 1993.

If you have any questions concerning this report, please call me at (202) 887-1293.

Sincerely,


Kathryn A. Rosica
Manager
Methyl Bromide Industry Panel

cc: Methyl Bromide Industry Panel

4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Kathryn A. Rosica
Manager, Methyl Bromide Panel
Chemical Manufacturers Association
2501 M Street, N.W.
Washington, D.C. 20037

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

JAN 18 1994

This letter formally acknowledges EPA's receipt of information submitted by your organization under Section 8(e), the "substantial risk" information reporting provision of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA Section 8(e) Document Control Number (i.e., 8EHQ-0000-0000 Init.) assigned by EPA to your submission(s). Please refer to this cited number when submitting follow-up or supplemental information.

Please note that all submitted correspondence will be placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA Section 8(e) policy statement (43 FR 11110, March 16, 1978).

Confidential submissions submitted pursuant to the TSCA Section 8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims, because substantiation of CBI claims is required at the same time the 8(e) CAP is submitted to EPA. (If not done so already, please ensure that this information is provided to the Agency). When substantiating any/all claims, answer the questions detailed in the following attachment.

For NON-CAP submissions, any confidentiality claims should be supported by submission of information as described in the attachment(s).

12425 B

CATS DATA: 0993-174258 SEQ **B**

PE **SUPP** FLWP

INITIATOR NAME Chemical Manufacturers Association

INFORMATION REQUESTED: FLWP DATE

0901 NO INFO REQUESTED

0902 INFO REQUESTED (TECH)

0903 INFO REQUESTED (VOL ACTIONS)

0904 INFO REQUESTED (REPORTING RATIONALE)

DISPOSITION:

0905 REFER TO CHEMICAL SCREENING

0906 CAP NOTICE

VOLUNTARY ACTIONS:

0901 NO ACTION REPORTED

0902 STUDIES PLANNED/IN PROGRESS

0903 NOTIFICATION OF WORK/STATUS

0904 LABEL/STATUS CHANGES

0905 PROCESS/HANDLING CHANGES

0906 APPAUSE DISCONTINUED

0907 PRODUCTION DISCONTINUED

0908 CONFIDENTIAL

IR DATE: 09/17/93 OTS DATE: 09/20/93 CRAD DATE: 09/30/93

CASE

74-83-9

FORMATION TYPE

INFORMATION TYPE

P F C

INFORMATION TYPE

P F C

FORMATION TYPE	P F C	INFORMATION TYPE	P F C	INFORMATION TYPE	P F C
01 ONCO (HUMAN)	01 02 04	0216 EPACLIN	01 02 04	0241 MURINO (ANIMAL)	01 02 04
02 ONCO (ANIMAL)	01 02 04	0217 HUMAN EXPOS (PROD CONTAM)	01 02 04	0242 MURINO (HUMAN)	01 02 04
03 CELL TRANS (IN VITRO)	01 02 04	0218 HUMAN EXPOS (ACCIDENTAL)	01 02 04	0243 CHEMISTS PROP	01 02 04
04 MUTA (IN VITRO)	01 02 04	0219 HUMAN EXPOS (MONITORING)	01 02 04	0244 CLASTO (IN VITRO)	01 02 04
05 MUTA (IN VIVO)	01 02 04	0220 ECOAQUA TOX	01 02 04	0245 CLASTO (ANIMAL)	01 02 04
06 REPROTERATO (HUMAN)	01 02 04	0221 ENV. OCCURRENCE/FATE	01 02 04	0246 CLASTO (HUMAN)	01 02 04
07 REPROTERATO (ANIMAL)	01 02 04	0222 EMER ENCL OF ENV CONTAM	01 02 04	0247 DNA DAMAGE/REPAIR	01 02 04
08 NEURO (HUMAN)	01 02 04	0223 RESPONSE REQUEST DELAY	01 02 04	0248 PRODUCE/PROC	01 02 04
09 NEURO (ANIMAL)	01 02 04	0224 PRODUCE/PROC	01 02 04	0251 MEDS	01 02 04
10 ACUTE TOX (HUMAN)	01 02 04	0225 REPORTING RATIONALE	01 02 04	0259 OTHER	01 02 04
11 CHR. TOX (HUMAN)	01 02 04	0226 CONFIDENTIAL	01 02 04		
12 ACUTE TOX (ANIMAL)	01 02 04	0227 ALLERG (HUMAN)	01 02 04		
13 SUB ACUTE TOX (ANIMAL)	01 02 04	0228 ALLERG (ANIMAL)	01 02 04		
14 SUB CHRONIC TOX (ANIMAL)	01 02 04	0229 METABPHARMACO (ANIMAL)	01 02 04		
15 CHRONIC TOX (ANIMAL)	01 02 04	0230 METABPHARMACO (HUMAN)	01 02 04		

BASE DATA: NON-CL INVENTORY

ONGOING REVIEW

SPECIES

TOXICOLOGICAL CONCERN:

USE: Pesticide

YES (CONTINUE)

YES (DROP/REFE.)

RAT

LOW

NO (DROP)

NO (CONTINUE)

MED

DETERMINE

REFER

HIGH

COMMENT: Non-Cap